

Activity Report
on
Emergency Preparedness through Repair & Rehabilitation
of the DPHE Khulna & Gaibandha Warehouse



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Introduction

The program titled "Emergency Preparedness through Repair & Rehabilitation of the DPHE Khulna & Gaibandha Warehouses" has made significant strides in enhancing the Department of Public Health Engineering's (DPHE) emergency preparedness capacity. By focusing on the targeted repair and rehabilitation of critical warehouse infrastructure, including the repair of godown shade roofs, floors, and electrical systems at the Khulna warehouse, and the restoration of godown floors, walls, ceilings, and columns at the Gaibandha warehouse, the program has substantially bolstered DPHE's ability to respond to emergencies. These improvements are pivotal in strengthening water supply and waste management operations in the Khulna and Gaibandha regions, ensuring a more effective and efficient emergency response.

Program Activities

1. Repair & Renovation Works of DPHE Khulna Warehouse

The repair and renovation works at the DPHE Khulna Warehouse have been successfully completed to enhance the warehouse's infrastructure and functionality. The key areas of focus for this renovation included:

- **Godown Floor Renovation:** The floor of the warehouse was thoroughly renovated to ensure a stable, durable surface that can withstand heavy usage and support the storage of materials and equipment.
- **Wall Plastering:** The walls of the warehouse were repainted and replastered, ensuring structural integrity and providing a more secure environment for the storage of essential goods.
- **Electrical Work:** The electrical system was overhauled, addressing any issues with wiring and outlets to ensure reliable and safe power supply for the warehouse operations.

The 1st package, **Repair & Renovation Works of DPHE Khulna Warehouse**, identified by e-GP Tender ID 1058069, included the demolition and mobilization of the godown floor and electrical system. Scheduled for completion by **16/02/2025**, this package is specifically designed to improve the warehouse's safety and security measures, further enhancing its ability to support emergency preparedness and improve the overall efficiency of water supply and waste management systems in the region.

2. Repairing of Godown Shade Roof for Khulna Warehouse

The repair and renovation work for the Khulna Warehouse has focused on enhancing the overall infrastructure to improve safety, security, and operational efficiency. The specific tasks undertaken include:

- **Repair and Renovation of Godown Shade Roof:** The corrugated sheet roof of the godown was repaired and renovated to ensure proper protection from weather elements, improving the durability and functionality of the warehouse space.
- **Demolition and Mobilization of Godown Floor & Electrical System:** The godown floor and electrical system were demolished and mobilized for further improvements, addressing any structural or system-related issues. This work ensures a more stable and secure environment for warehouse operations.

The 2nd package, **Repairing of Godown Shade Roof for Khulna Warehouse**, identified by e-GP Tender ID 1058093, focused on enhancing the structural integrity and safety of the warehouse. Scheduled for completion by **10/02/2025**, this package aims to significantly enhance the safety and security measures of the Khulna Warehouse, ensuring its continued capacity to support emergency preparedness efforts and improve the overall water supply and waste management in the region.

1. Repair & Renovation Works of Districts Warehouse at DPHE Gaibandha districts

The repair and renovation works for the DPHE Gaibandha District Warehouse focus on enhancing the structural integrity and functionality of the warehouse. The key areas of renovation include:

- **Net Floor Finishing with RCC Work:** The warehouse floor has been reinforced with reinforced cement concrete (RCC) work to ensure durability and stability for long-term use.
- **Wall Plastering:** The walls of the warehouse have been replastered to restore structural integrity and ensure a safe environment for storage and operations.
- **Column Retrofitting:** Columns have been retrofitted to improve the overall stability and load-bearing capacity of the warehouse structure.
- **Ceiling Repair:** Necessary repairs to the ceiling have been carried out to address any damage and ensure the warehouse is fully operational and secure.

The 3rd package, **Repair & Renovation Works of Districts Warehouse at DPHE Gaibandha District**, identified by e-GP Tender ID 1067016, involves the comprehensive repair of all godown floors, walls, ceilings, and columns at the DPHE Gaibandha warehouse. Scheduled for completion by **15/03/2025**, this renovation package aims to significantly improve the warehouse's safety and security, enhancing its capacity to support emergency preparedness and more efficient water supply and waste management operations in the region.

Challenges and Way Forward

- **Challenges:**
 - ✓ **Skilled Labor Shortage:** Availability of skilled labor, especially for specialized tasks like electrical work and structural repairs, caused delays in some areas.
 - ✓ **Extensive Repair Work at Khulna Warehouse:** The Khulna warehouse required more thorough and complex repairs than initially anticipated, adding to the overall project complexity.

- **Way Forward:**
 - ✓ **Strengthen Collaboration:** Continue the partnership between UNICEF and DPHE to ensure adequate resources and skilled labor for future tasks.
 - ✓ **Sourcing and Training Skilled Labor:** Streamline the process of sourcing and training skilled labor to prevent delays.
 - ✓ **Thorough Assessment and Planning:** Conduct a more detailed assessment of repair needs at Khulna Warehouse for better planning and execution of repairs.
 - ✓ **Enhance Coordination:** Improve coordination between teams to ensure the timely completion of all renovation works and efficient use of resources.

Conclusion

The "Emergency Preparedness through Repair & Rehabilitation of the DPHE Khulna & Gaibandha Warehouses" program has significantly strengthened the Department of Public Health Engineering's (DPHE) capacity to respond to emergencies in the Khulna and Gaibandha regions. Through focused efforts on repairing and rehabilitating essential infrastructure, including godown shade roofs, floors, electrical systems, and structural elements, the program has enhanced the functionality, safety, and operational efficiency of the warehouses. Despite challenges such as skilled labor shortages and the extensive repair work required at the Khulna warehouse, the collaboration between UNICEF and DPHE has proven successful in addressing these obstacles and ensuring the program's progress. Moving forward, continued partnership, improved planning, and the development of skilled labor will be key to ensuring the sustainability and further success of the program. These efforts will continue to strengthen water supply and waste management operations, ensuring a more effective emergency response and long-term benefits for the region.

